RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: _____ 10/500, 264 _____

Source: _____ JFWP _____

Date Processed by STIC: _____ 02/06/2006 _____

ENTERED

RAW SEQUENCE LISTING   DATE: 02/06/2006
PATENT APPLICATION: US/10/500,264   TIME: 14:05:19

            Input Set : A:\4121-168 Sequence Listing_122705.txt
            Output Set: N:\CRF4\02012006\J500264.raw

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     3 <110> APPLICANT: Mahn, Andreas
     4         Hantke, Sabine
     5         Petsch, Dagmar
     7 <120> TITLE OF INVENTION: Method of Increasing the Transgene-Coded Biomolecule Content
in
     8         Organisms
    10 <130> FILE REFERENCE: 4121-168
    12 <140> CURRENT APPLICATION NUMBER: US 10/500,264
C--> 13 <141> CURRENT FILING DATE: 2004-06-18
    15 <150> PRIOR APPLICATION NUMBER: PCT/EP02/14512
    16 <151> PRIOR FILING DATE: 2002-12-18
    18 <150> PRIOR APPLICATION NUMBER: EP 0 113 0319.5
    19 <151> PRIOR FILING DATE: 2001-12-19
    21 <160> NUMBER OF SEQ ID NOS: 6
    23 <170> SOFTWARE: PatentIn version 3.3
    25 <210> SEQ ID NO: 1
    26 <211> LENGTH: 4
    27 <212> TYPE: PRT
    28 <213> ORGANISM: Artificial
    30 <220> FEATURE:
    31 <223> OTHER INFORMATION: signal polypeptide
    33 <400> SEQUENCE: 1
    35 Lys Asp Glu Leu
    36 1
    39 <210> SEQ ID NO: 2
    40 <211> LENGTH: 6
    41 <212> TYPE: PRT
    42 <213> ORGANISM: Artificial
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    45 <223> OTHER INFORMATION: signal polypeptide
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    49 Ser Lys Asn Pro Ile Asn
    50 1               5
    53 <210> SEQ ID NO: 3
    54 <211> LENGTH: 26
    55 <212> TYPE: DNA
    56 <213> ORGANISM: Artificial
    58 <220> FEATURE:
    59 <223> OTHER INFORMATION: primer
    61 <400> SEQUENCE: 3
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    66 <211> LENGTH: 26
    67 <212> TYPE: DNA
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68 <213> ORGANISM: Artificial
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71 <223> OTHER INFORMATION: primer
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74 actagtaatt cccatcttga aagaaa                                          26
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78 <211> LENGTH: 843
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80 <213> ORGANISM: Artificial
82 <220> FEATURE:
83 <223> OTHER INFORMATION: scFV-antibody
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88 tgtttagcag ctgatgtgca gctggtggag tctgggggag gcttagtgca gcctggaggg    120
90 tcccggaaac tctcctgtgc agcctctgga ttcactttca gtagctttgg aatgcactgg    180
92 gttcgtcagg ctccagagaa ggggctggag tgggtcgcat atattagtag tggcagtagt    240
94 accatctact atgcagacac agtgaagggc cgattcacca tctccagaga caatcccaag    300
96 aacaccctgt tcctgcaaat gaccagtcta aggtctgagg acacggccat gtattactgc    360
98 gcaagagatt acggggctta ttggggccaa gggaccacgg tcaccgtctc ctcaggtgga    420
100 ggcggttcag gcggaggtgg ctctggcggt ggcggatcgg acattgagct cacccagtct   480
102 ccagcaatca tgtctgcatc tccaggggag aaggtcacca tgacctgcag tgccagttca   540
104 agtgtaaggt acatgaactg gttccaacag aagtcaggca cctcccccaa aagatggatt   600
106 tatgacacat ccaaactgtc ttctggagtc cctgctcgct tcagtggcag tgggtctggg   660
108 acctcttact ctctcacaat cagcagcatg gaggctgaag atgctgccac ttattactgc   720
110 cagcagtgga gtagtaatcc actcactttc ggtgctggga ccaagctgga gctgaaacgg   780
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114 tag                                                                  843
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118 <211> LENGTH: 241
119 <212> TYPE: PRT
120 <213> ORGANISM: Artificial
122 <220> FEATURE:
123 <223> OTHER INFORMATION: scFv-antibody
125 <400> SEQUENCE: 6
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128 1               5                   10                  15
131 Gly Gly Ser Arg Lys Leu Ser Cys Ala Ala Ser Gly Phe Tyr Phe Ser
132             20                  25                  30
135 Ser Phe Gly Met His Trp Val Arg Gln Ala Pro Glu Lys Gly Leu Glu
136         35                  40                  45
139 Trp Val Ala Tyr Ile Ser Ser Gly Ser Ser Thr Ile Tyr Tyr Ala Asp
140     50                  55                  60
143 Thr Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Pro Lys Asn Thr
144 65                  70                  75                  80
147 Leu Phe Leu Gln Met Thr Ser Leu Arg Ser Glu Asp Thr Ala Met Tyr
148                 85                  90                  95
151 Tyr Cys Ala Arg Asp Tyr Gly Ala Tyr Trp Gly Gln Gly Thr Thr Val
152             100                 105                 110
155 Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly
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156          115                    120                    125
159 Gly Gly Ser Asp Ile Glu Leu Thr Gln Ser Pro Ala Ile Met Ser Ala
160      130                    135                    140
163 Ser Pro Gly Glu Lys Val Thr Met Thr Cys Ser Ala Ser Ser Ser Val
164 145                    150                    155                    160
167 Arg Tyr Met Asn Trp Phe Gln Gln Lys Ser Gly Thr Ser Pro Lys Arg
168              165                    170                    175
171 Trp Ile Tyr Asp Thr Ser Lys Leu Ser Ser Gly Val Pro Ala Arg Phe
172          180                    185                    190
175 Ser Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Ser Met
176          195                    200                    205
179 Glu Ala Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Trp Ser Ser Asn
180      210                    215                    220
183 Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys Arg Ala Ala
184 225                    230                    235                    240
187 Ala
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 02/06/2006
PATENT APPLICATION: US/10/500,264   TIME: 14:05:20

Input Set : A:\4121-168 Sequence Listing_122705.txt
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Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6

VERIFICATION SUMMARY   DATE: 02/06/2006
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Input Set : **A:\4121-168 Sequence Listing_122705.txt**
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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date